



US Army Corps
of Engineers.

Nashville District

Public Notice

Public Notice No. 04-86

Date: December 17, 2004

Application No. 200402101

Please address all comments to:
Nashville District Corps of Engineers, Regulatory Branch
3701 Bell Road, Nashville, TN 37214

JOINT PUBLIC NOTICE
US ARMY CORPS OF ENGINEERS
and
TENNESSEE VALLEY AUTHORITY

SUBJECT: Proposed Municipal Water Intake on Floating Dock at Tennessee River Mile 409.7, Left Bank, Guntersville Lake, Jackson County, Alabama

TO ALL CONCERNED: The application described below has been submitted for a Department of the Army Permit pursuant to **Section 10 of the Rivers and Harbors Act of 1899** for construction in navigable waters of the United States, and a Tennessee Valley Authority (TVA) permit pursuant to **Section 26a of the TVA Act**.

APPLICANT: North Jackson Water Authority
P.O. Box 280
Flat Rock, Alabama 35966

LOCATION: Tennessee River Mile 409.7, Left Bank, Guntersville Lake, Jackson County, Alabama (Bridgeport Quad; lat 35-53-49.1280, lon 85-42-58.3920)

DESCRIPTION: The proposed work consists of the construction of a municipal raw water intake for the North Jackson Water Authority. The water intake would be constructed on a floating dock, approximately 20' x 20'. A platform and walkway, total 58' long, would extend out to the dock; thus, the entire dock structure would extend lakeward approximately 78' from the normal summer pool (NSP) Elevation 595.0' for Guntersville Lake. The floating dock/water intake structure would be completely enclosed with a fiberglass enclosure. Two 6" diameter, flexible pipes, with floats, would extend landward from the floating dock to withdrawal the water. The average daily withdrawal rate is estimated two million gallons per day (MGD), with a plant maximum daily withdrawal capacity of three MGD. The project is designed to meet estimated withdrawal demands for 20-years; however, future expansion would allow for a maximum of five MGD.

The proposed water intake would provide water to an estimated 4400 homes and businesses in North Jackson County and Dekalb County. Therefore, the purpose of the work would be to provide municipal water to areas of North Alabama.

Plans of the proposed work are attached to this notice.

The decision whether to issue a permit will be based on an evaluation of the probable impacts including cumulative impacts of the activity on the public interest. That decision will reflect the national concern for both protection and utilization of important resources. The benefit which reasonably may be expected to accrue from the work must be balanced against its reasonably foreseeable detriments. All factors which may be relevant to the work will be considered including the cumulative effects thereof; among those are conservation, economics, aesthetics, general environmental concerns, wetlands, cultural values, fish and wildlife values, flood hazards, floodplain values, land use, navigation, shore erosion and accretion, recreation, water supply and conservation, water quality, energy needs, safety, food and fiber production, mineral needs, considerations of property ownership, and, in general, the needs and welfare of the people. A permit will be granted unless the District Engineer determines that it would be contrary to the public interest.

The Corps of Engineers is soliciting comments from the public; federal, state, and local agencies and officials; Indian Tribes; and other interested parties in order to consider and evaluate the impacts of this proposed activity. Any comments received will be considered by the Corps of Engineers to determine whether to issue, modify, condition, or deny a permit for this proposal. To make this decision, comments are used to assess impacts on endangered species, historic properties, water quality, general environmental effects, and the other public interest factors listed above. Comments are used in the preparation of an Environmental Assessment and/or an Environmental Impact Statement pursuant to the National Environmental Policy Act. Comments are also used to determine the need for a public hearing and to determine the overall public interest of the proposed activity.

An Environmental Assessment will be prepared by this office prior to a final decision concerning issuance or denial of the requested Department of the Army Permit.

The National Register of Historic Places has been consulted and no properties listed in or eligible for the National Register are known which would be affected by the proposed work. This review constitutes the full extent of cultural resources investigations unless comment to this notice is received documenting that significant sites or properties exist which may be affected by this work, or that adequately documents that a potential exists for the location of significant sites or properties within the permit area. Copies of this notice are being sent to the office of the State Historic Preservation Officer.

Based on available information, the proposed work will not destroy or endanger any Federally-listed threatened or endangered species or their critical habitats, as identified under the Endangered Species Act. Therefore, we have reached a no effect determination

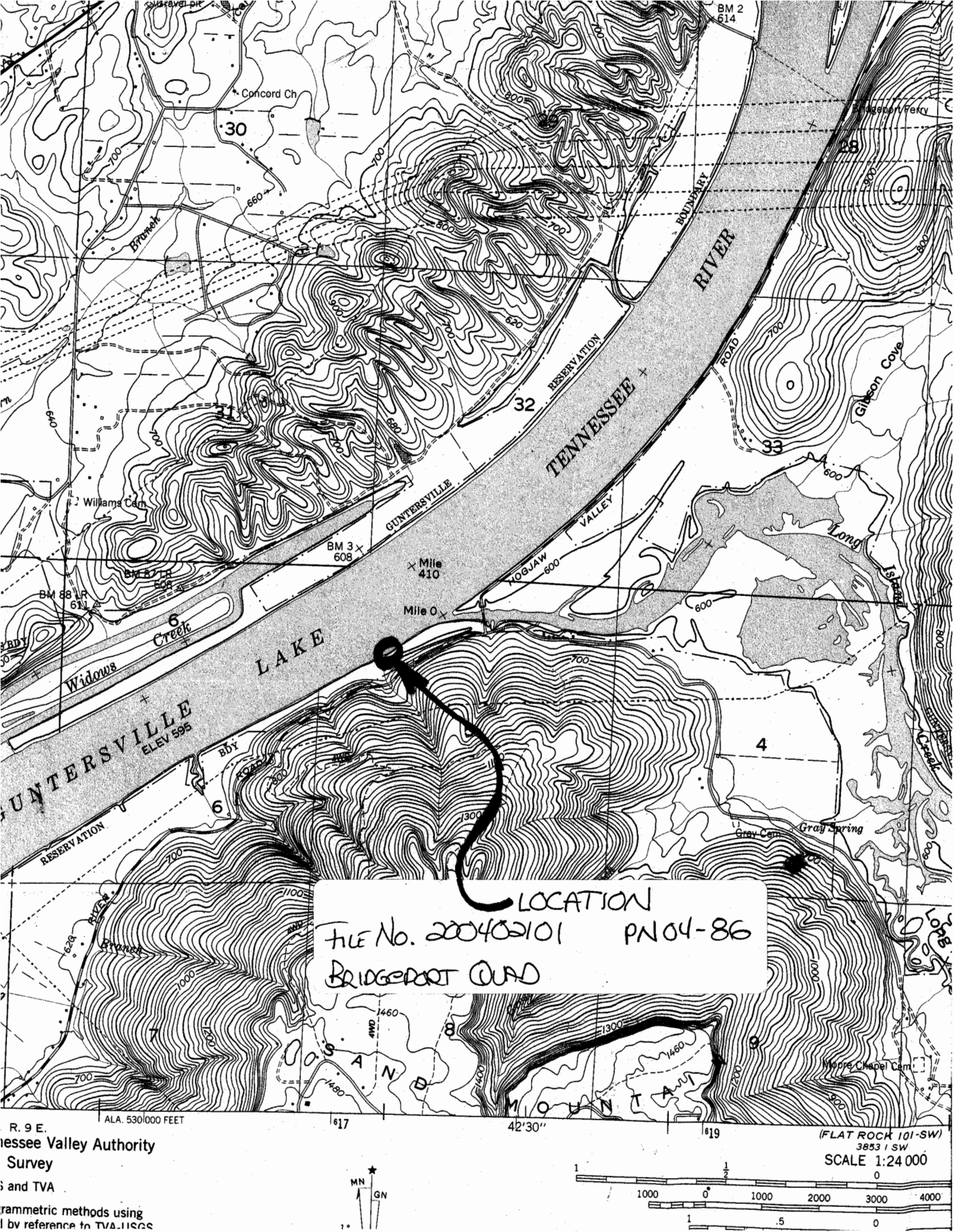
and initiation of formal consultation procedures with the U.S. Fish and Wildlife Service is not planned at this time.

Other federal, state, and/or local approvals required for the proposed work are as follows:

Tennessee Valley Authority (TVA) approval is required under Section 26a of the TVA Act for the proposed work. In addition to other provisions of its approval, TVA would require the applicant to employ best management practices to control erosion and sedimentation, as necessary, to prevent adverse aquatic impacts.

Any person may request, in writing, within the comment period specified in this notice, that a public hearing be held to consider this application. Requests for public hearings shall state, with particularity, the reasons for holding a public hearing.

Written statements received in this office on or before January 17, 2005, will become a part of the record and will be considered in the determination. Any response to this notice should be directed to the Regulatory Branch, Attention: Amy Robinson, at the above address, telephone (615) 369-7509. It is not necessary to comment separately to TVA since copies of all comments will be sent to that agency and will become part of its record on the proposal. However, if comments are sent to TVA, they should be mailed to Mr. Charles Wolfe, Tennessee Valley Authority, Guntersville Land Management Office, 3696 Alabama Highway 69, Guntersville, Alabama 35976-1867.



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NOTE: PROP. WALKWAY & INTAKE
STRUCTURE TO PROTRUDE APPROX.
75' FROM RIVER BANK INTO TENNESSEE
RIVER.

Mile 0 X

40' WIDE POTABLE
WATERLINE EASEMENT

20' SQ. ALUM.
FLOATING INTAKE
STRUCTURE W/ 6'
WIDE ALUM. WALK-
WAY

BACKWASH
WASTE LINE

PROP. WALKWAY
PROPERTY (2.4 AC)

40' WIDE POTABLE
WATERLINE EASEMENT

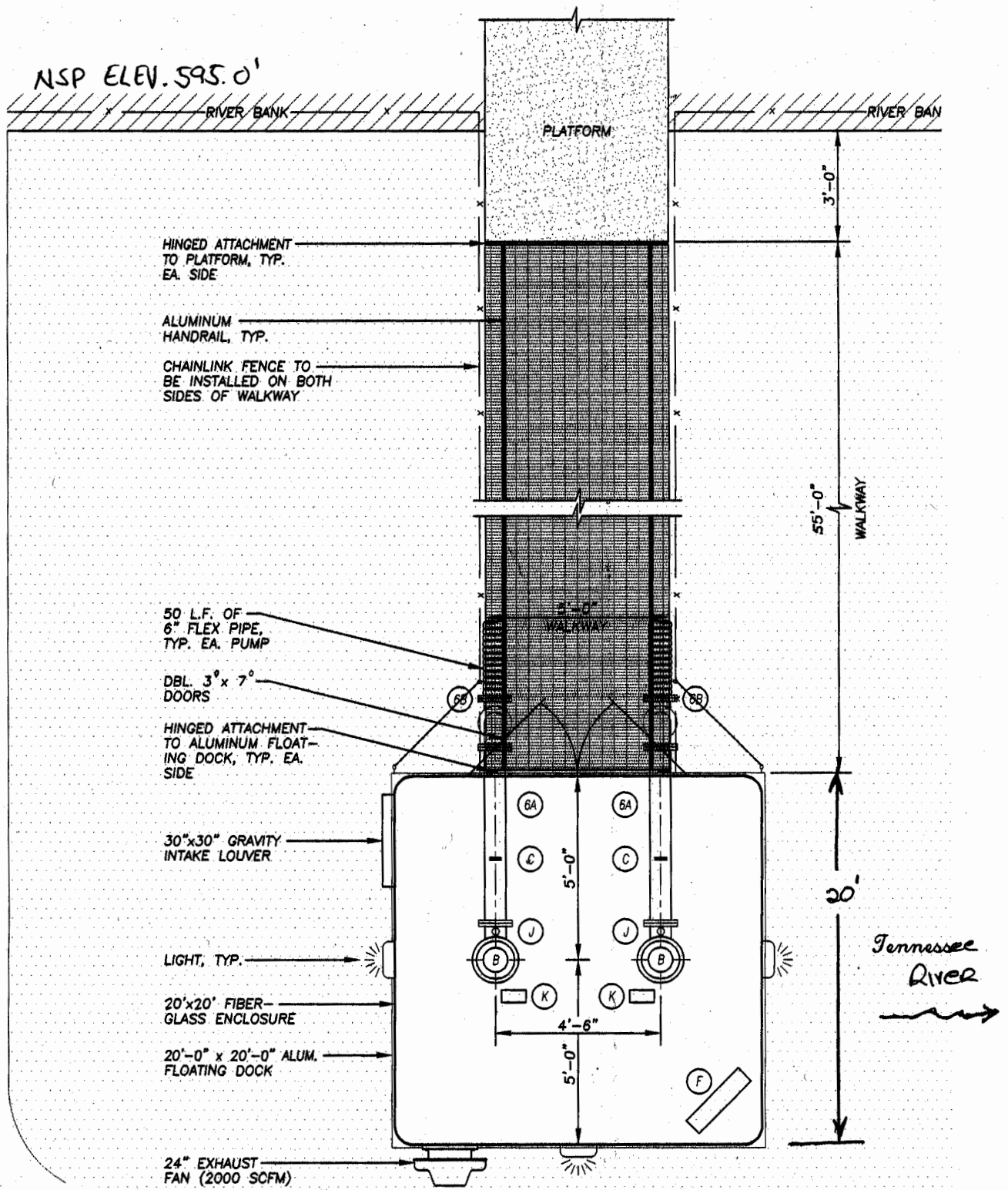
60' WIDE ACCESS
ROAD EASEMENT

PROPOSED SITE LOCATION

NO SCALE

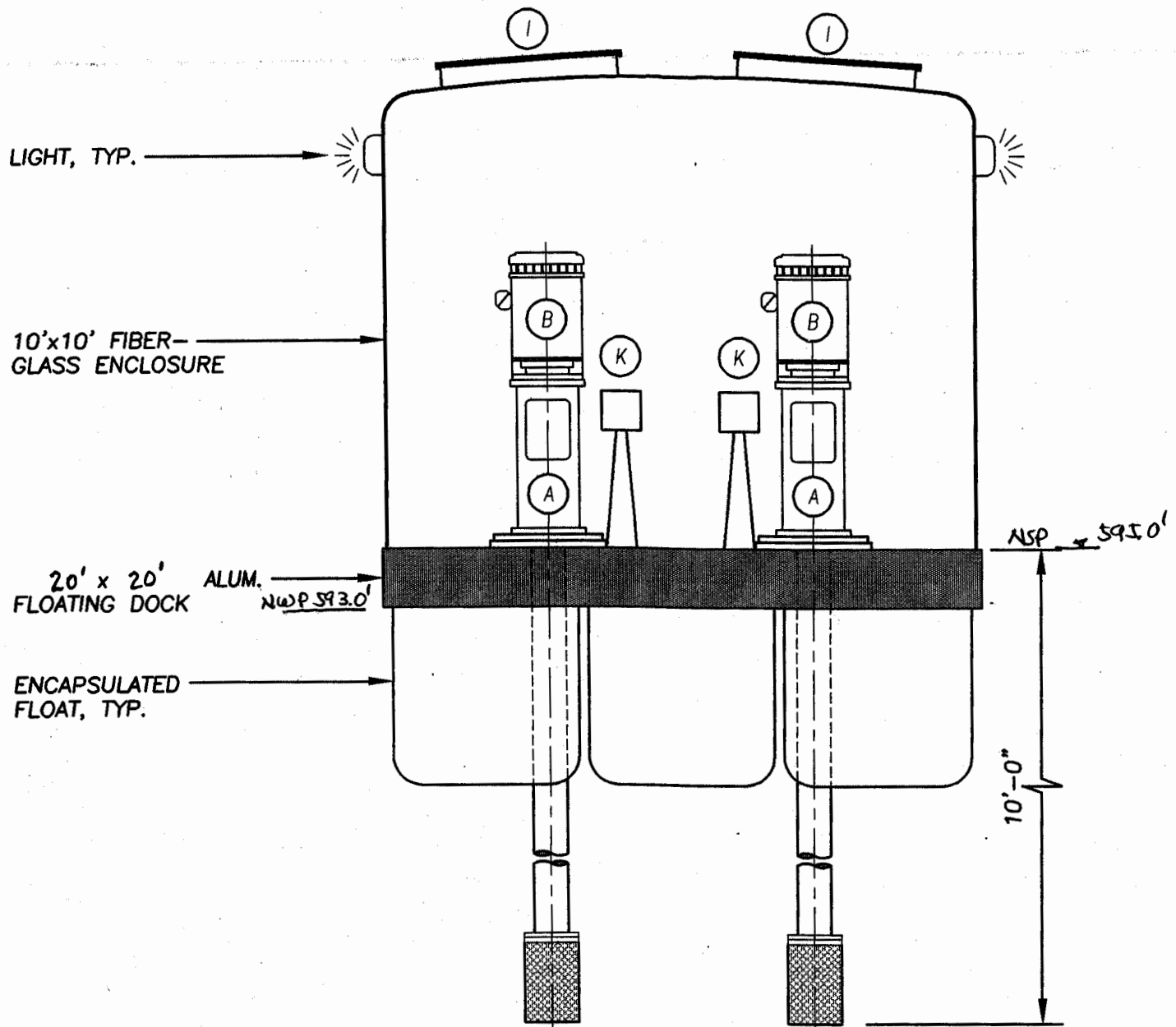
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PLAN VIEW

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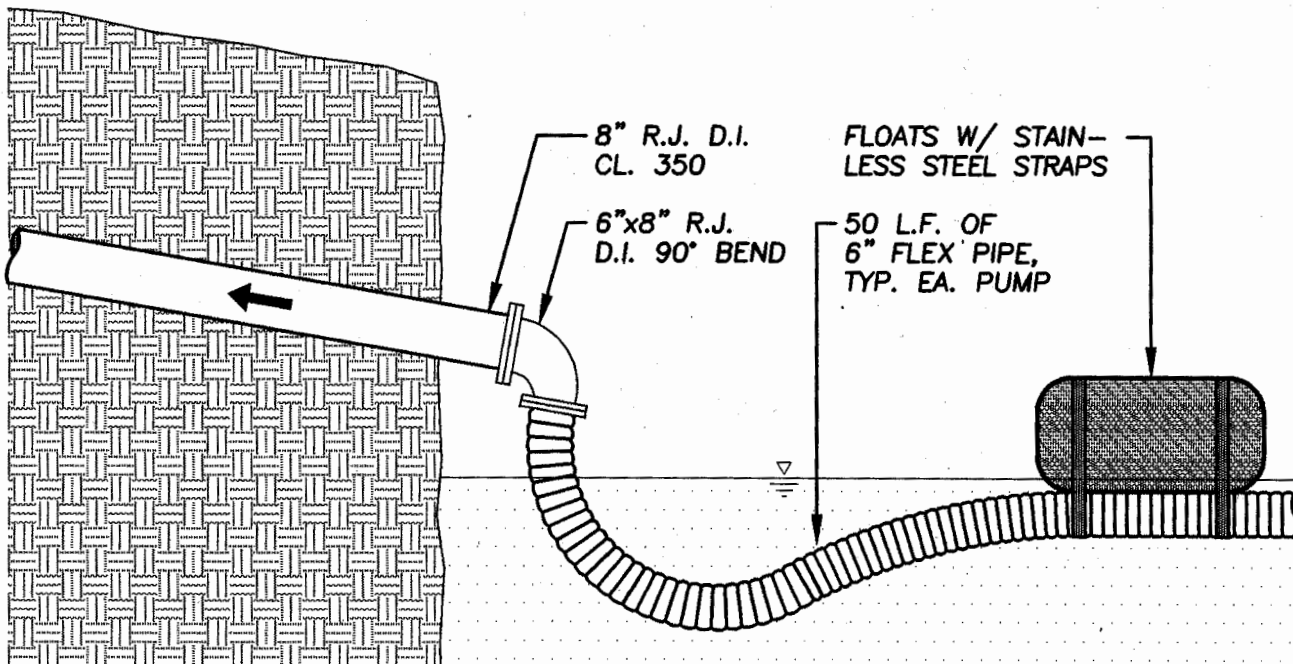


ELEVATION VIEW

FLOATING PUMP STATION DETAIL

NO SCALE

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PIPE FLOTATION DETAIL

NO SCALE

NOTE:

1. ALL BURIED MECHANICAL JOINTS SHALL BE RESTRAINED WITH MEGALUG OR EQUAL. PROVIDE PRESSURE RATINGS AS NOTED.
2. CENTER EACH ROOF HATCH ABOVE EACH PUMP.
3. PIPE FLOAT SPACING TO BE 10'-0"

